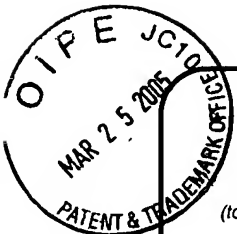


PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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MAN

PATENT & TRADE (to

TRANSMITTAL FORM


(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|--------------------|
|  <h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;"><i>(to be used for all correspondence after initial filing)</i></p> | | Application Number | 10/634,971 |
| | | Filing Date | August 5, 2003 |
| | | First Named Inventor | Kouji Ikeda et al. |
| | | Art Unit | 2853 |
| | | Examiner Name | Alfred E. Dudding |
| Total Number of Pages in This Submission | | Attorney Docket Number | 5077-000179 |

ENCLOSURES (check all that apply)


| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> return postcard; |
| <div style="border: 1px solid black; padding: 5px; display: inline-block;">Remarks</div> The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------------|---|------------------------------------|--------------------|
| Firm or Individual name | Harness, Dickey & Pierce, P.L.C. | Attorney Name Gregory A. Stobbs | Reg. No. 28,764 |
| Signature |  | | |
| Date | March 11, 2005 | | |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|---|------------------------|-------------------------------|
| Typed or printed name | Gregory A. Stobbs | Express Mail Label No. | EV 570 162 750 US (3/11/2005) |
| Signature |  | Date | March 11, 2005 |

This collection of information is required by 37 CFR 1.01. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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EV 570 162 658 US

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL
for FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 400**Complete if Known**

| | |
|----------------------|--------------------|
| Application Number | 10/634,971 |
| Filing Date | August 5, 2003 |
| First Named Inventor | Kouji Ikeda et al. |
| Examiner Name | Alfred E. Dudding |
| Art Unit | 2853 |
| Attorney Docket No. | 5077-000179 |

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____☒ Deposit Account Deposit Account Number: 08-0750 Deposit Account Name: Harness, Dickey & Pierce, P.L.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s)☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|----------------------|-------------|----------------------|------------------|----------------------|----------------|
| | Fee (\$) | Small Entity Fee(\$) | Fee(\$) | Small Entity Fee(\$) | Fee(\$) | Small Entity Fee(\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims

37

-37 or HP=

0

x

=

0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims

5

- 3 or HP=

2

x

200

=

400

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|--------------------------------|---------------|
| _____ | = 0 | / 50 = 0 | (round up to a whole number) x | = 0 |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : _____

SUBMITTED BY

| | | |
|-------------------|------------------|----------------|
| Signature | Registration No. | Telephone |
| (Attorney/Agent) | 28,764 | (248) 641-1600 |
| Name (Print/Type) | Date | |
| Gregory A. Stobbs | March 25, 2005 | |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/634,971
Filing Date: August 5, 2003
Applicant: Kouji Ikeda et al.
Group Art Unit: 2853
Examiner: Alfred E. Dudding
Title: Ink Jet Recording Apparatus
Attorney Docket: 5077-000179

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed December 27, 2004, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Amendments to the Drawings begin on page 17 of this paper.

Remarks begin on page 18 of this paper.